

WHAT IS CLAIMED IS:

1. A vendor tracking system for use with a data marking device,
comprising:
- a data network;
 - a user terminal coupled to the data network configured to transmit a
signal including information corresponding to marked data;
 - a vendor terminal configured to transmit a vendor identification code;
 - a server terminal coupled to the data network configured to receive the
signal from the user terminal and the vendor identification code, the server
terminal further configured to transmit information corresponding to the vendor
identification code and the received signal to the user terminal.
2. The system of claim 1 wherein the signal corresponding to the marked
data includes one or more of a time information a date information, and a user
identification information.
3. The system of claim 1 further including a data marking device
configured to transmit information corresponding to the marked data and data
marking device identification code.
4. The system of claim 3 wherein the data marking device identification
code is a predetermined length numeric sequence, a predetermined length letter
sequence, and a predetermined length combination of numeric and letter
sequence.
5. The system of claim 3 wherein the marked data corresponds to one of a
radio broadcast music clip, a television broadcast music clip, and a web-cast
broadcast music clip.
6. The system of claim 3 wherein the data marking device includes an

electronic music marker.

7. The system of claim 1 wherein the user terminal includes one of a personal computer, an internet access enabled personal digital assistant, a
5 Wireless Application Protocol enabled mobile telephone, and an i-mode enabled mobile telephone.

8. The system of claim 1 wherein the data network includes one of a Local Area Network (LAN), a Wide Area Network (WAN), and an internet
10 connection.

9. The system of claim 1 wherein the user terminal and the server terminal are coupled to the data network using one of a TCP/IP protocol and a wireless application protocol.

10. The system of claim 1 wherein the vendor terminal is coupled to the data network.

11. The system of claim wherein the user terminal includes an output unit, the output unit configured to display information received from the server terminal.

12. The system of claim 11 wherein the displayed information includes a vendor sales information corresponding to the purchase of a product for the
25 marked data from a store related to the vendor terminal.

13. The system of claim 12 wherein the store includes one of a retail store of said vendor terminal and an online store of said vendor terminal.

14. The system of claim 12 wherein said vendor sales information displayed
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on said display unit of said user terminal includes a telephone number of the store, a hypertext link for the store, a facsimile number of the store, an email address of the store, a price information for the purchase of the product, and a delivery information for the delivery of the product.

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15. The system of claim 12 wherein marked data includes information corresponding to a broadcast music clip, and further, wherein the product includes one or more of a CD, a video tape, an audio cassette corresponding to the broadcast music clip.

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16. The system of claim 1 wherein the server terminal includes a storage unit for storing the vendor identification code received from the vendor terminal and the received signal from the user terminal.

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17. The system of claim 1 wherein the vendor terminal is further configured to transmit one or more of a purchased product identification code, the one or more of the purchased product identification code corresponding to the transmitted signal from the user terminal.

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18. The system of claim 17 wherein each of the one or more of the purchased product identification code is unique.

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19. The system of claim 1 further including a playlist provider configured to transmit to the server terminal information related to the data broadcast from a radio or a television station corresponding to marked data.

20. The system of claim 19 wherein the playlist provider is coupled to the data network.

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21. A vendor tracking system for use with a music marker device,

comprising:

a data network;

a music marker device configured to store information corresponding to one or more of a music broadcast;

5 a user terminal coupled to the marker device, the user terminal configured to receive the stored information corresponding to the one or more of a music broadcast from the marker device and an identification code corresponding to the marker device for transmission over the data network;

10 a vendor terminal configured to transmit a vendor identification code and one or more of purchased marker device identification codes corresponding to the vendor identification code;

15 a server terminal coupled to the data network configured to receive the information corresponding to the one or more of the music broadcast and the marker device identification code from the user terminal, and the vendor identification code and the one or more the purchased marker device identification codes corresponding to the vendor identification code, the server terminal further configured to compare the identification code received from the user terminal with the one or more of the identification codes received from the vendor terminal, and accordingly, to transmit information to the user terminal based on the comparison.

20 22. The system of claim 21 wherein the stored information corresponding to the one or more broadcast music includes one or more of a time information corresponding to the music broadcast a date information corresponding to the music broadcast and a geographic information corresponding to the music broadcast.

25 23. The system of claim 21 wherein each of the one or more of the purchased marker device identification codes is a unique predetermined length numeric sequence, a unique predetermined length letter sequence, and a unique

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predetermined length combination of numeric and letter sequence.

24. The system of claim 21 wherein the information transmitted from the server terminal to the user terminal includes one or more of a name of the broadcast music, a name of the artist of the broadcast music, a name of the music album.

25. The system of claim 24 wherein the information transmitted from the server terminal to the user terminal further includes purchase information for the purchase of the broadcast music.

26. The system of claim 25 wherein the purchase information includes information corresponding to a store of the vendor terminal.

27. The system of claim 26 wherein the information corresponding to the store includes a hypertext link to an online retail store of the vendor terminal.

28. The system of claim 24 wherein the purchase information includes one or more of cost information for the purchase the broadcast music album, shipping information for the delivery of the broadcast music album purchase, and a payment type information for the purchase of the broadcast music album purchase.

29. The system of claim 24 wherein the information transmitted from the server terminal to the user terminal is displayed on a display unit of the user terminal as one or more of a two-dimensional image, a three-dimensional still image, a dynamic video image, and a text data.

30. The system of claim 21 wherein the user terminal includes one of a

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personal computer, an internet access enabled personal digital assistant, a Wireless Application Protocol enabled mobile telephone, and an i-mode enabled mobile telephone.

5 31. The system of claim 21 wherein the data network includes one of a Local Area Network (LAN), a Wide Area Network (WAN), an internet connection, and a wireless data exchange network.

10 32. The system of claim 21 wherein the user terminal and the server terminal are coupled to the data network using one of a TCP/IP protocol, and a wireless application protocol.

15 33. A method, comprising:
receiving a vendor identification code and one or more data marking device identification code corresponding to the vendor identification code;
receiving one or more marked data and a corresponding data marking device identification code;
20 comparing the data marking device identification code corresponding to the vendor identification code with the data marking device identification code corresponding to the one or more marked data; and
transmitting purchase information related to the marked data from a vendor corresponding to the received vendor identification code based on the comparing step.

25 34. The method of claim 33 further including displaying the transmitted purchase information.

30 35. The method of claim 33 further including storing the received vendor identification code and the data marking device identification code corresponding to the vendor identification code.

36. The method of claim 35 further including storing the received one or more marked data and the corresponding data marking device identification code.

37. The method of claim 36 further including the step of updating the stored one or more data marking device identification code corresponding to the received vendor identification code and the stored data marking device identification code corresponding to the received marked data.

38. The method of claim 33 wherein each of the one or more data marking device identification code is unique.

39. The method of claim 33 wherein the data marking device identification code corresponding to the vendor identification code and the data marking device identification code corresponding to the marked data are the same.

40. A method, comprising:
purchasing a data marking device from a vendor;
marking one or more broadcast data;
communicating with a data marking device service provider;
receiving purchase information corresponding to the marked one or more broadcast data for purchase from the vendor.

41. The method of claim 40 wherein the data marking device includes an electronic music marker device.

42. The method of claim 40 wherein the one or more broadcast data includes one or more radio broadcast music clip, a television broadcast music clip and a web-cast broadcast music clip.

43. The method of claim 40 wherein the communicating step includes:
connecting to a gateway device; and
accessing a user account in a web domain of said service provider.

44. The method of claim 43 wherein said gateway device includes one or more of a personal computer, an internet access enabled personal digital assistant, a Wireless Application Protocol enabled mobile telephone, and an i-mode enabled mobile telephone.

45. The method of claim 40 wherein the received purchase information includes a purchase price of a music album corresponding to the marked broadcast data from the vendor.

46. The method of claim 40 wherein the communicating step includes establishing a connection with a data network under one of a TCP/IP protocol, and a wireless application protocol.

47. A vendor tracking system for use with a data marking device, comprising:

means for receiving a vendor identification code and one or more data marking device identification code corresponding to the vendor identification code;

means for receiving one or more marked data and a corresponding data marking device identification code;

means for comparing the data marking device identification code corresponding to the vendor identification code with the data marking device identification code corresponding to the one or more marked data; and

means for transmitting purchase information related to the marked data from a vendor corresponding to the received vendor identification code based

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on the comparing means.

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